

Title (en)
SOLID ELECTROLYTE MATERIAL, AND BATTERY

Title (de)
FESTELEKTROLYTMATERIAL UND BATTERIE

Title (fr)
MATÉRIAU D'ÉLECTROLYTE SOLIDE ET BATTERIE

Publication
EP 3736823 A1 20201111 (EN)

Application
EP 18898263 A 20181217

Priority
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Abstract (en)
A solid electrolyte material according to one aspect of the present disclosure includes a first crystal phase, wherein the first crystal phase has a composition that is deficient in Li as compared with a composition represented by the following composition formula (1).
$$\text{Li}_{₃\text{Y}_{₁\text{Cl}_{₆}$$
 formula (1)

IPC 8 full level
C01F 17/00 (2020.01); **H01B 1/06** (2006.01); **H01M 4/62** (2006.01); **H01M 10/0562** (2010.01); **H01M 10/0565** (2010.01); **H01M 10/0566** (2010.01)

CPC (source: EP US)
C01F 17/36 (2020.01 - EP US); **H01B 1/06** (2013.01 - EP); **H01M 4/62** (2013.01 - EP); **H01M 10/0525** (2013.01 - EP US); **H01M 10/0562** (2013.01 - EP US); **C01P 2002/02** (2013.01 - EP); **C01P 2002/72** (2013.01 - EP); **C01P 2002/77** (2013.01 - EP); **C01P 2004/32** (2013.01 - EP); **C01P 2004/51** (2013.01 - EP); **C01P 2004/61** (2013.01 - EP); **C01P 2004/62** (2013.01 - EP); **C01P 2006/40** (2013.01 - EP); **H01M 2004/027** (2013.01 - US); **H01M 2004/028** (2013.01 - US); **H01M 2300/008** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

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Designated extension state (EPC)
BA ME

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